

Construction of plasmids

 Eric Klavins

Updated date: Mar 8, 2021

 An abbreviated version of this protocol was published in eLIFE in May 2018

Synthetic hormone-responsive transcription factors can monitor and re-program plant development

DOI: 10.7554/eLife.34702

Detailed protocol

Hi Annick,

Sorry for the late reply the editor only just made us aware you had contacted us through this feature. We did not ever target pUBQ10 with HACRs. pUBQ10 was used to drive expression of the HACR and a gRNA targeted it to pUBQ1 which was driving the reporter. If you scroll down in the materials and methods section there is a section that contains a list of links to the annotated plasmid maps from which you can pull the sgRNA sequence.

<https://benchling.com/s/yXKJkba5>

This was the sequence we used: AAAGTGGGCTGGGCCTTTTGgttttagagctagaaatagcaagttaaataaggctagtcggtatcaacttgaaaaagtgccaccgagtcggtgctttt

The work coming out of the Vernoux lab is always inspirational so I am excited to see what y'all plan to use HACRs for. Please let me know if I can be of any further help (it might be quicker to email me directly at arjunkhakhar@gmail.com)

Take care,

Eric Klavins

How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Klavins, E. (2021). Construction of plasmids. Bio-protocol Preprint. bio-protocol.org/prep913.
2. Khakhar, A., Leydon, A. R., Lemmex, A. C., Klavins, E. and Nemhauser, J. L. (2018). Synthetic hormone-responsive transcription factors can monitor and re-program plant development. eLIFE. DOI: [10.7554/eLife.34702](https://doi.org/10.7554/eLife.34702)

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